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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/634,139	08/08/2000	Ifay F. Chang	20676-000100US	4275
61161	7590	10/12/2006	EXAMINER	
IFAY F. CHANG 3 LOUIS DRIVE KATONAH, NY 10536			VU, THONG H	
			ART UNIT	PAPER NUMBER
			2142	
DATE MAILED: 10/12/2006				

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/634,139

Applicant(s)

CHANG, IFAY F.

Examiner

Thong H. Vu

Art Unit

2142

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 12 September 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1,3,4,6,8,11 and 21-33 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1,3,4,6,8,11 and 21-33 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

1. Claims 1,3,4,6,8,11 and new claims 21-33 are pending.
2. Claims 2,5,7,9-10,13-20 have been canceled.

***Response to Arguments***

3. Applicant's arguments with respect to claims 1,3,4,6,8,11 have been considered but are moot in view of the new ground(s) of rejection.

***Claim Objections***

4. Claim 12 depends on claim 10 which has been canceled. Examiner assumed claim 12 depends on claim 11. Correction is required.
5. There are two claims 31 and no claim 32. Examiner assumed the second claim 31 as claim 32.

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1,3,4,6,8,11 and 21-32 are rejected under 35 U.S.C. 103(a) as being unpatentable over McLaughlin et al [McLaughlin 6,501,779 B1] in view of Mattaway et al [Mattaway 6,275,490 B1].

6. Claim 29 McLaughlin discloses A method for operating a server comprises:  
receiving a request from a client computer to initiate a telephone call via the Internet in response to a selection of an icon on a web page [McLaughlin, client or

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browser 22, server 12, web page 16, Fig 1; telephone call or dial, col 11 lines 1-15;  
select icon col 8 lines 35-40];

determining a telephone number in response to the request [McLaughlin,  
telephone number, col 11 lines 13];

using a voice modem, coupled to the server and to a telephone line, wherein the  
telephone line is connected to a POTS and PSTN service, to dial the telephone number,  
wherein a voice connection through both the PSTN and Interact networks is established  
[McLaughlin, voice modem, col 7 line 35; select icon, col 8 lines 35-40; POTS and  
PSTN, col 1 lines 15-28].

However McLaughlin does not explicitly detail  
initiating a real-time communications channel between the client computer and  
the server via the Internet in response to the request;

In the same endeavor, Mattaway discloses a Method and apparatus for  
establishing communication from browser application including establish real-time  
communications [Mattaway, col 11 lines 16-24]

Therefore it would have been obvious to an ordinary skill in the art at the time the  
invention was made to incorporate the initiating a real-time communications channel  
between the client computer and the server via the Internet as taught by Mattaway into  
the McLaughlin's apparatus in order to utilize the Internet facilities.

Doing so would provide the ability to automatically launch and establish  
communication link from a web browser to a web site [Mattaway, col 3 lines 34-36].

7. Claim 30 McLaughlin-Mattaway disclose the telephone number is commanded in the web page [McLaughlin, telephone number, col 11 lines 13; web page 16, Fig 1].

8. Claim 31 McLaughlin-Mattaway disclose the telephone number is a telephone number is reserved for calls responsive to the web page [McLaughlin, telephone number, col 11 lines 13; web page 16, Fig 1].

9. Claim 31 McLaughlin-Mattaway disclose a single click on the icon connects a telephone call [McLaughlin, telephone number, col 11 lines 13; select icon col 8 lines 35-40].

10. Claim 33 McLaughlin-Mattaway disclose a single click on an ad contained in the web page connects a telephone call [McLaughlin, telephone number, advertised, col 11 lines 13; web page 16, Fig 1].

11. Claim I McLaughlin-Mattaway disclose A method for operating a server comprises:

receiving a page request for a web page from a client computer via the Internet, the web page including an icon [McLaughlin, web page 16, Fig 1; select icon col 8 lines 35-40];

retrieving the web page from a storage of the server; sending the web page to the client computer via the Internet [McLaughlin, client or browser 22, server 12, web page 16, Internet 20, Fig 1];

receiving a request from the client computer to initiate a telephone call via the Internet in response to a selection of the icon on the web page [McLaughlin, web page 16, Fig 1; telephone call or dial, col 11 lines 1-15; select icon col 8 lines 35-40];

initiating a real-time communications channel between the client computer and the server via the Internet in response to the request [Mattaway, establish real-time communications, col 11 lines 16-24];

determining a telephone number in response to the request [McLaughlin, telephone number, col 11 lines 13];

using a voice modem, coupled to the server and to a telephone line, to dial the telephone number [McLaughlin, telephone call or dial, col 11 lines 1-15];

receiving packets of voice data from the client computer from the Internet [McLaughlin, voice modem, digital simultaneous voice and data col 7 line 56];

reassembling the packets of voice data into a stream of digital voice data [McLaughlin, voice modem, digital simultaneous voice and data, col 7 line 56];

converting the stream of digital voice data to a stream of analog voice data [McLaughlin, voice modem, digital simultaneous voice and data, col 7 line 56];

outputting the stream of analog voice data to the voice modem [McLaughlin, voice modem, col 7 line 56], and

outputting the stream of the analog voice data from the voice modem to the telephone line [McLaughlin, voice modem, col 7 line 56].

12. Claim 3 McLaughlin-Mattaway disclose determining the telephone number in response to the request comprises retrieving the telephone number from a memory in the server in response to the request [McLaughlin, telephone number, col 11 lines 13].

13. Claim 4 McLaughlin-Mattaway disclose the request comprises the telephone number [McLaughlin, telephone number, col 11 lines 13].

14. Claim 6 McLaughlin-Mattaway disclose receiving a request from the client computer to initiate the telephone call comprises receiving the request from the client computer to initiate the telephone call via another voice modem [McLaughlin, voice modem, col 7 line 56].

15. Claim 8 McLaughlin-Mattaway disclose A method for operating a server comprises:

receiving a request at a server from a client computer to initiate a telephone call via a computer network, fine request from the client computer in response to a selection of an icon on a web page, the web page retrieved from the server and downloaded to the client computer [McLaughlin, client or browser 22, server 12, web page 16, Fig 1; telephone call or dial, col 11 lines 1-15; select icon, col 8 lines 35-40];

initiating a real-time communications channel at the server to the client computer via the computer network in response to the request from the client computer

[Mattaway, establish real-time communications, col 11 lines 16-24];

determining a telephone number to dial in response to the request [McLaughlin, telephone number, col 11 lines 13];

dialing the telephone number on a telephone with a voice modem, the server comprising the voice modem and the voice modem, coupled to the telephone line [McLaughlin, voice modem, col 7 line 35];

receiving packets of voice data at the server from the client computer;  
reassembling at the server the packets of voice data into a stream of digital audio data;  
converting the stream of digital audio data to a stream, of analog audio data with a sound board within the server [McLaughlin, digital simultaneous voice and data, col 7 line 48];

outputting the stream of analog audio data to the voice modem [McLaughlin, voice modem, col 7 line 35], and

outputting the stream of the analog audio data from the voice modem to the telephone line [McLaughlin, voice modem, col 7 line 35].

16. Claim 11 McLaughlin-Mattaway disclose determining the telephone number comprises retrieving the telephone number from a memory in the server in response to the request [McLaughlin, telephone number, col 11 lines 13]



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17. Claim 12 McLaughlin-Mattaway disclose the request comprises a first telephone number and the telephone number comprises a second telephone number as inherent feature of PSTN [see Wood reference].

18. Claims 21-24,25-28 contain the identical limitations set forth in claims 30-33.


Therefore claims 21-24,25-28 are rejected for the same rationale set forth in claims 30-33.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thong H. Vu whose telephone number is 571-272-3904. The examiner can normally be reached on 6:00-3:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Caldwell can be reached on 571-272-3868. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

***Thong Vu***  
***Primary Examiner***  
***Art Unit 2142***



THONG VU  
PRIMARY EXAMINER  
TECHNOLOGY CENTER 2100